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Attorney Docket No: DN A01472  
Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Newman BORTNICK et al.

Serial No.: 10/828,666      Group Art Unit: 1714

Filed: April 21, 2004      Examiner: Wyrozebski Lee, K.

Confirmation No.: 4916

For: **COMPOSITE COMPOSITIONS INCLUDING POLYMERIC  
NANOPARTICLES AND CLAY NANOPARTICLES**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**COMMENTS ON THE EXAMINER'S STATEMENT OF REASONS FOR  
ALLOWANCE**

Responsive to the Notice of Allowability mailed on April 16, 2007, kindly enter  
the following remarks on the record:

**CERTIFICATE OF FACSIMILE TRANSMISSION**

Dear Sir:

I hereby certify that this Comments On The Examiner's Statement Of  
Reasons For Allowance is being deposited by facsimile to (571) 273-8300 on the  
date indicated next to my signature below.

May 29, 2007  
Date

  
Signature

Total Pages (including cover sheet) 2

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May 29, 2007

USSN 10/828,666

Comment on Reasons for Allowance

REMARKS

The Examiner's Statement of Reasons for Allowance suggests that by using the polymeric nanoparticles (PNPs) of Cruz in combination with Beall et al. "one would not be able to disperse single polymer as well" (as polymer-clay composites). See page 3, item 2, 3<sup>rd</sup> full paragraph of the Notice of Allowability, PTOL-37, mailed on April 16, 2007. Applicant wishes to clarify that the ability of Cruz's PNPs to disperse polymer in an aqueous medium, or lack thereof, is irrelevant to the propriety of the combination of Cruz and Beall et al. Rather, the combination of Cruz and Beall et al. is improper because the Cruz PNPs would not be expected to sorb or intercalate with clay as would be the desired aim of using such polymers in combination with the art of Beall et al.

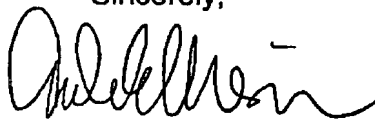
Claims 1-8 are allowed.

CONCLUSION

Based on the foregoing, it is submitted that the instant claims have properly been allowed. If the Examiner has any questions or concerns, she is urged to contact the undersigned at her earliest convenience.

Concurrently herewith, Applicants have filed the issue fee in the instant application.

Sincerely,



Andrew E. C. Merriam  
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Date: May 29, 2007  
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